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SUBJECT: SUBJECTIVE EVALUATION OF MISSION 4008.

1. MISSION 4008 PRODUCED PHOTOGRAPHY EQUAL TO THE BEST OBTAINED PMS
FROM PREVIOUS MISSIONS IN THIS SERIES. THE PI SUITABILITY RANGES
FROM GOOD TO VERY GOOD. PASS DIO, FRAMES 10 AND 11 YIELDED HIGH
QUALITY STEREO PHOTOGRAPHY, CONSIDERED BY SOME TO BE THE BEST

Grace (F11e)

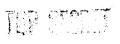
IMAGERY YET OBTAINED FROM SATELLITE PHOTOGRAPHY. SELECTED PORTIONS 10 JUN 1864
OF THESE FRAMES HAVE BEEN REPRODUCED AT 100-X MAGNIFICATION.

- 2. EXTENSIVE CONSULTATIONS WITH PIS REVEALED THAT THE STEREO COVERAGE OBTAINED IN EXTREME OBLIQUES PRESENTS SOME PHOTO-INTER-PRETIVE DIFFICULTIES, AS IN PASS DØ8, FRAMES 8 AND 9, WHERE THE OBLIQUITY PRECLUDES DETECTION OF FINE DETAILS. IN ADDITION, HIGH OBLIQUE STEREO PHOTOGRAPHY REQUIRES THE TIME CONSUMING PROCEDURE OF POINT-BY-POINT ADJUSTMENT TO BE SET UP FOR STEREOSCOPIC VIEWING.

 ALTHOUGH SOMEWHAT FRUSTRATING, THESE ARE MINOR DIFFICULTIES. NPIC CONTINUES TO STRESS THE NEED AND IMPORTANCE OF STEREO COVERAGE
- 3. CORRECTIVE PRINTING WAS EMPLOYED IN THE PRODUCTION OF SELECTED FOOTAGE. EASTMAN KODAK FREQUENTLY RESORTS TO TWO-LEVEL PRINTING WHEN COMPENSATION IS REQUIRED FOR A WIDE RANGE OF TERRAIN REFLECTIVITY.

IRRESPECTIVE OF VIEWING PROBLEMS, EXPERIENCED OR ANTICIPATED.

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4. PASS D16 IS TOTALLY DEGRADED BY SEVERE IMC ERROR INDUCED BY VEHICLE ATTITUDE ABNORMALITIES. THE PI SUITABILLITY OF THE REMAINING PASSES (DØ4-D1Ø AND D14, D15) IS REDUCED ONLY BY CLOUD COVER WHICH OBSCURES APPROXIMATELY 40 PERCENT OF THE PHOTOGRAPHY, OBLIQUITY, AND LOSS OF SHADOW DETAIL.

TOPSECRET

/END OF MESSAGE/